

FIGURE 1

Hierarchical Regression For Breast Fluid Carotenoid on Plasma Carotenoid and Age

Variable	$\beta$	$\Delta R^2$	p
<u>Step 1</u> Plasma Carotenoid	-.37	.13*	.02
<u>Step 2</u> Age	.21	.04	.17
<u>Step 3</u> Plasma Carotenoid x Age	-.33	.10	.03†

Note. \* $R^2$ ; †partial= -.35

FIGURE 2

Hierarchical Regression For Breast Fluid Carotenoid on Plasma Carotenoid and Parity

Variable	$\beta$	$\Delta R^2$	p
<u>Step 1</u> Plasma Carotenoid	-.37	.13*	.02
<u>Step 2</u> Parity	.05	.003	.72
<u>Step 3</u> Plasma Carotenoid x Parity	-.11	.01	.47

Note. \* $R^2$

FIGURE 4

Hierarchical Regression For Breast Fluid Carotenoid on Plasma Carotenoid and Lactation

Variable	$\beta$	$\Delta R^2$	$p$
<u>Step 1</u> Plasma Carotenoid	-.37	.14*	.008
<u>Step 2</u> Lactation	-.16	.03	.14
<u>Step 3</u> Plasma Carotenoid x Lactation	.20	.04	.09†

Note. \* $R^2$ ; †partial = .21

FIGURE 5

Hierarchical Regression For Breast Fluid Carotenoid on Plasma Carotenoid and Cumulative Lifetime Duration of Lactation

Variable	$\beta$	$\Delta R^2$	$p$
<u>Step 1</u> Plasma Carotenoid	-.36	.13*	.01
<u>Step 2</u> Cumulative Duration of Lactation	.07	.004	.34
<u>Step 3</u> Plasma Carotenoid x Cumulative Duration of Lactation	.07	.004	.34

Note. \* $R^2$

FIGURE 3

Hierarchical Regression For Breast Fluid Carotenoid on Plasma Carotenoid and Length of Time Post-Wean

Variable	$\beta$	$\Delta R^2$	p
<u>Step 1</u> Plasma Carotenoid	-.39	.16*	.03
<u>Step 2</u> Months Post-Wean	.18	.03	.36
<u>Step 3</u> Plasma Carotenoid x Months Post-Wean	-.48	.21	.007†

Note. \* $R^2$ ; †partial = -.51

FIGURE 6

Hierarchical Regression For Breast Fluid Carotenoid on Plasma Carotenoid and Lactation, Age, Parity, and Length of Time Post-Wean Serving Together as Moderators

Variable	$\beta$	$\Delta R^2$	p
<u>Step 1</u> Plasma Carotenoid	-.38	.15*	.04
<u>Step 2</u> Age Lactation Months Post-Wean Parity	.18 -.03 .15 .002	.07	.78
<u>Step 3</u> Plasma Carotenoid x Months Post-Wean Plasma Carotenoid x Age Plasma Carotenoid x Lactation Plasma Carotenoid x Parity	-.59† -.40 -.16 .31	.31	.05

Note. \* $R^2$ ; †p = .04, partial = -.47

FIGURE 7

Hierarchical Regression For Breast Fluid Carotenoid on Plasma Carotenoid and Cumulative Lifetime Duration of Lactation, Age, Parity, and Length of Time Post-Wean Serving Together as Moderators

Variable	$\beta$	$\Delta R^2$	p
<u>Step 1</u> Plasma Carotenoid	-.38	.15*	.04
<u>Step 2</u> Age	.17	.07	.77
Cumulative Duration of Lactation	-.08		
Months Post-Wean	.14		
Parity	.06		
<u>Step 3</u> →Plasma Carotenoid x Months Post-Wean	-.62†	.32	.04
→Plasma Carotenoid x Age	-.40		
→Plasma Carotenoid x Cumulative Duration of Lactation	-.20		
→Plasma Carotenoid x Parity	.37		

Note. \* $R^2$ ; †p = .05, partial = -.45

FIGURE 8

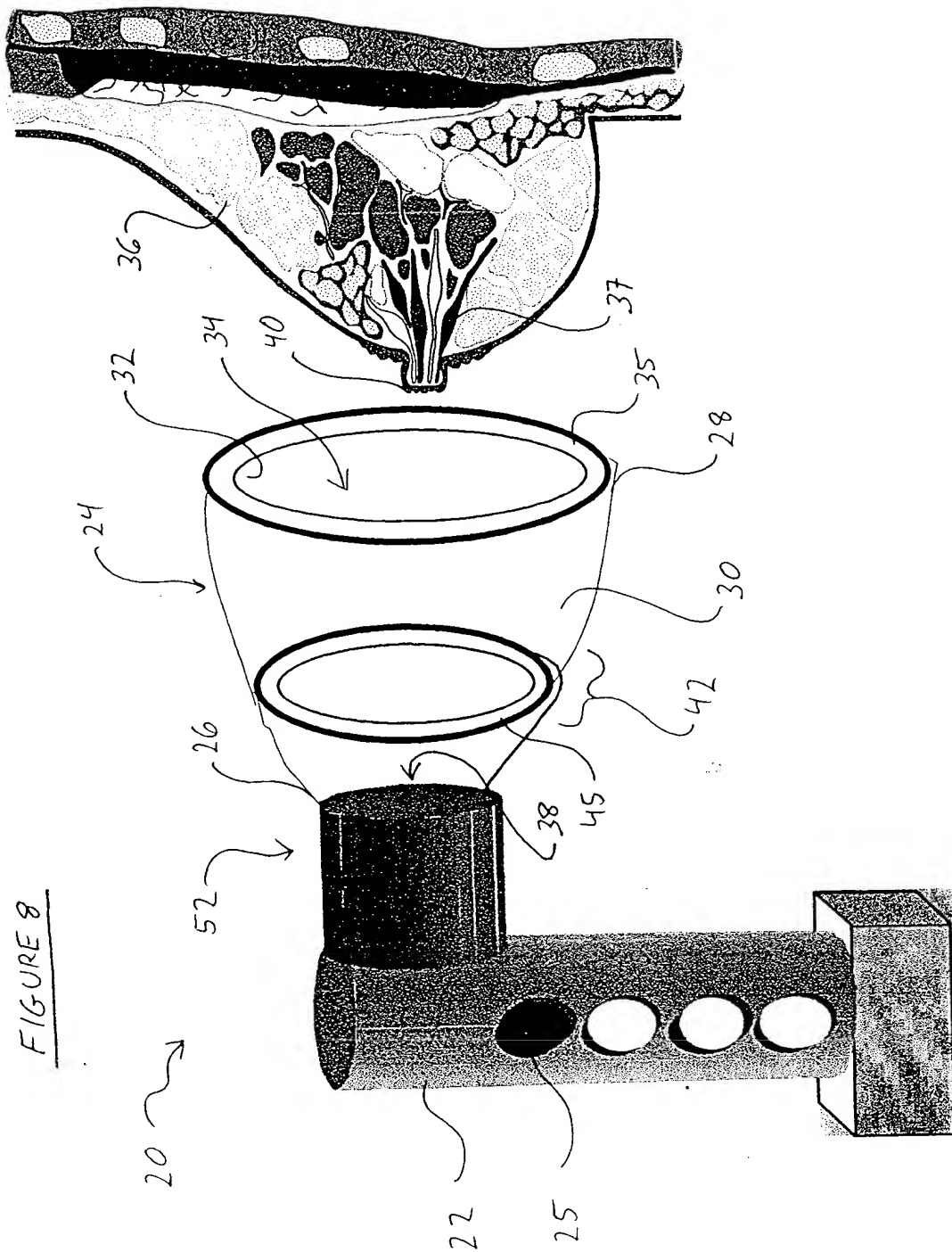


FIGURE 9

